

Work Order ID 99945

(April-16-13 12:38:04 PM)

99945

Page 1

Item ID: 646.4001

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: AS350 Cable Cutter

Stop *NS2*

Start Date: 4/16/13 Start Qty: 1.00

1

Cust Item ID:

Required Date: 4/30/13 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: ML5

Date: 13-04-16 Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description
Draw Nbr	Revision Nbr
646.4000	A
100	

*SP

Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

100

100

DOCUMENT CONTROL

0.00

13-04-16
B-22

1

13-04-16
B-22

110

Pick Kit

0.00

110

Packaging

Memo

0.00

1

13-04-16
B-7 D

Packaging

120

QC4- 100% Inspect kits for completeness

0.00

13-04-16
B-22

1

120

QC

Memo

0.00

Quality Control

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework	Skid-tube	Crosstube	Water Jet	Engineering				
			Scrap	Machining	Small Fab	Prod. Eng. Coor.	Quality				
			Use-as-is	Thermoforming	Finishing	Rec/Store/Packaging	Other				
			Work Order Update	Large Fab	Composite	Supplier					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear	General										
	Bending	Bend	Grain	Ovalized	Pressure/Forced						
	Centre Not Concentric to O/S	BOM/Route	Hardware	Over/Under tolerance	Temperature/Cure						
	Cracks	Broken/Damaged	Inspection Incomplete	Part Incorrect	Weld						
	Crushed/Crimped	Burrs	Instructions Incomplete/Unclear	Part Lost/Missing	Wrong Stock Pulled						
	Cuffs	Contamination	Maintenance	Part Moved							
	Heat Treat	Countersink	Mislabeled	Positioned Wrong							
	Inspection Strip in Tube	Cut Too Short	Misread	Power Loss/Surge	Other						
	Ripples in Bend	Drill Holes	Offset								
	Torque Waves in Extrusion	Drawing	Out of Calibration								
	Turning Sequence	Finish	Out of Sequence								
	Wave/Twist in Tube	Folio	Outside Dimensions								

Work Order ID 99945

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99945

Page 2

Item ID: 646.4001

Accept

N900040100

Setup

Start

NS1

Revision ID:

Item Name: AS350 Cable Cutter

Stop

NS2

Start Date: 4/16/13 Start Qty: 1.00

1

Cust Item ID:

Required Date: 4/30/13 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run

Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130

130

Packaging

Packaging

0.00

13/8/26 SP

Memo

0.00

Identify and pack for shipping as per PPP 646.4001
Location: PK092

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Quality Control

Memo

0.00

MW 13-08-26

MW 13-08-26

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear	General										
	Bending <input type="checkbox"/>	Bend <input type="checkbox"/>	Grain <input type="checkbox"/>		Ovalized <input type="checkbox"/>			Pressure/Forced <input type="checkbox"/>			
	Centre Not Concentric to O/S <input type="checkbox"/>	BOM/Route <input type="checkbox"/>	Hardware <input type="checkbox"/>		Over/Under tolerance <input type="checkbox"/>			Temperature/Cure <input type="checkbox"/>			
	Cracks <input type="checkbox"/>	Broken/Damaged <input type="checkbox"/>	Inspection Incomplete <input type="checkbox"/>		Part Incorrect <input type="checkbox"/>			Weld <input type="checkbox"/>			
	Crushed/Crimped. <input type="checkbox"/>	Burrs <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>		Part Lost/Missing <input type="checkbox"/>			Wrong Stock Pulled <input type="checkbox"/>			
	Cuffs <input type="checkbox"/>	Contamination <input type="checkbox"/>	Maintenance <input type="checkbox"/>		Part Moved <input type="checkbox"/>						
	Heat Treat <input type="checkbox"/>	Countersink <input type="checkbox"/>	Mislabeled <input type="checkbox"/>		Positioned Wrong <input type="checkbox"/>						
	Inspection Strip in Tube <input type="checkbox"/>	Cut Too Short <input type="checkbox"/>	Misread <input type="checkbox"/>		Power Loss/Surge <input type="checkbox"/>						
	Ripples in Bend <input type="checkbox"/>	Drill Holes <input type="checkbox"/>	Offset <input type="checkbox"/>								
	Torque Waves in Extrusion <input type="checkbox"/>	Drawing <input type="checkbox"/>	Out of Calibration <input type="checkbox"/>								
	Turning Sequence <input type="checkbox"/>	Finish <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>								
	Wave/Twist in Tube <input type="checkbox"/>	Folio <input type="checkbox"/>	Outside Dimensions <input type="checkbox"/>								

Picklist Print

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Page 1

Work Order ID: 99945

99945
646 4001

17

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

Start Date: 4/16/13

Required Date: 4/30/13

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 12.10.23 NEW ISSUE ID VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
646.3301		Manufactured	No				Each	25.0000	**	1			

646-3301
Upper Cutter Assembly

SH

Location	Loc Qty	Loc Code
ST139A	7	
125083	7	

646.3001	Manufactured	No
----------	--------------	----

646-3001
Lower Cutter Assembly

SH

Location	Loc Qty	Loc Code
ST139A	9	
125083	9	
ST537	8	
93425	8	

646.2910	Manufactured	No
----------	--------------	----

646-2910
Deflector

SH

Location	Loc Qty	Loc Code
ST139A	6	
125083	6	

B102876 SP
B100122 SP

B101102 SP

B100122 SP

B-7-15

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS						
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>					
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>					
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>					
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>						
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector	
Doc/Data												
Equip/Tooling												
Operator												
Material												
Setup												
Other												
Process												
Supplier												
Training												
Unapproved												
FAULT CATEGORY												
Landing Gear	General											
	Bending	<input type="checkbox"/>	Bend	<input type="checkbox"/>	Grain	<input type="checkbox"/>	Ovalized	<input type="checkbox"/>	Pressure/Forced	<input type="checkbox"/>	Temperature/Cure	<input type="checkbox"/>
	Centre Not Concentric to O/S	<input type="checkbox"/>	BOM/Route	<input type="checkbox"/>	Hardware	<input type="checkbox"/>	Over/Under tolerance	<input type="checkbox"/>	Weld	<input type="checkbox"/>	Wrong Stock Pulled	<input type="checkbox"/>
	Cracks	<input type="checkbox"/>	Broken/Damaged	<input type="checkbox"/>	Inspection Incomplete	<input type="checkbox"/>	Part Incorrect	<input type="checkbox"/>				
	Crushed/Crimped.	<input type="checkbox"/>	Burrs	<input type="checkbox"/>	Instructions Incomplete/Unclear	<input type="checkbox"/>	Part Lost/Missing	<input type="checkbox"/>				
	Cuffs	<input type="checkbox"/>	Contamination	<input type="checkbox"/>	Maintenance	<input type="checkbox"/>	Part Moved	<input type="checkbox"/>				
	Heat Treat	<input type="checkbox"/>	Countersink	<input type="checkbox"/>	Mislabeled	<input type="checkbox"/>	Positioned Wrong	<input type="checkbox"/>				
	Inspection Strip in Tube	<input type="checkbox"/>	Cut Too Short	<input type="checkbox"/>	Misread	<input type="checkbox"/>	Power Loss/Surge	<input type="checkbox"/>	Other	<input type="checkbox"/>		
	Ripples in Bend	<input type="checkbox"/>	Drill Holes	<input type="checkbox"/>	Offset	<input type="checkbox"/>		<input type="checkbox"/>				
	Torque Waves in Extrusion	<input type="checkbox"/>	Drawing	<input type="checkbox"/>	Out of Calibration	<input type="checkbox"/>		<input type="checkbox"/>				
	Turning Sequence	<input type="checkbox"/>	Finish	<input type="checkbox"/>	Out of Sequence	<input type="checkbox"/>		<input type="checkbox"/>				
	Wave/Twist in Tube	<input type="checkbox"/>	Folio	<input type="checkbox"/>	Outside Dimensions	<input type="checkbox"/>		<input type="checkbox"/>				

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Work Order ID: 99945

99945
646 4001

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

Start Date: 4/16/13

Required Date: 4/30/13

646.3810

Manufactured No

Each 8.0000

**

2
2X B102933 SP

646 3810
Bracket

SHD

646.3510

Manufactured No

Location ST139A
Loc Qty 8
93300
Loc Qty 8
Each 3.0000

**

2X B99609 SP

646 3510
Strut

SHD

646.3511

646 3511
Strut

SHD

Manufactured No

Location ST139B
Loc Qty 3
125083
Loc Qty 3
Each 2.0000

**

2X B93263 SP

646.3512

646 3512
Strut

SHD

Manufactured No

Location ST
Loc Qty 2
125023
Loc Qty 2
Each 1.0000

**

2X B94618.

646.3513

646 3513
Strut

SHD

Manufactured No

Location ST139A
Loc Qty 1
125083
Loc Qty 1
Each 24.0000

**

2X SP13-7-5

NCR: Yes / No

DQA: Date: 12/12/2018

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION		AGAINST DEPARTMENT/PROCESS					
				Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>			
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear Bending Centre Not Concentric to O/S Cracks Crushed/Crimped. Cuffs Heat Treat Inspection Strip in Tube Ripples in Bend Torque Waves in Extrusion Turning Sequence Wave/Twist in Tube				General Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/>							
				Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other <input type="checkbox"/>							

Picklist Print

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Page 3

Work Order ID: 99945

99945
646 4001

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

Start Date: 4/16/13

Start Qty: 1.00

Required Date: 4/30/13

Required Qty: 1.00

NAS1149F0332P

Purchased

No

Each

8.710.000

**

134

SP

SP

NAS1149F0332P

WASTER

Location Loc Qty Loc Code

GA	182	
	122063	
ST294	182	
	122063	
ST295	158	
	123352	
ST510	158	
	3	
	123352	
ST510	3	
	123900	
	8367	
	8367	
	123900	

MS21042L3

Purchased

No

Each

4,780.000

**

134

63

m 126036

SP 13-7-15.

Location Loc Qty Loc Code

FP001	3	
	122141	
GA	3	
	122452	
ST314	119	
	117885	
ST314	119	
	119017	
ST314	268	
	119075	
ST314	32	
	123265	
ST506	55	
	123900	
ST506	138	
	124291	
ST506	43	
	4390	
	974	
	3416	

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions							
				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Other							
				<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled							

Picklist Print

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Page 4

Work Order ID: 99945

99945

Parent Item: 646.4001

646 4001

Parent Item Name: AS350 Cable Cutter

Start Date: 4/16/13

Required Date: 4/30/13

646.3110

646-3110

Channel

Manufactured No

Each

6.0000

**  B99669 SP

SP

646.3710

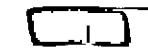
646-3710

Doubler

Manufactured No

Each

22.0000

**  SP

SP

646.3210

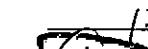
646-3210

Support

Manufactured No

Each

5.0000

**  B100123 SP

SP

646.3713

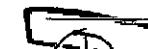
646-3713

Gusset

Manufactured No

Each

7.0000

**  B102617 SP

SP

Location

ST139A

Loc Qty

6

125083

6

Each

22.0000

Location

ST425

Loc Qty

22

97175

22

Each

5.0000

Location

ST538

Loc Qty

5

93488

5

Each

7.0000

Location

ST139A

Loc Qty

7

93208

7

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION		AGAINST DEPARTMENT/PROCESS					
				<input type="checkbox"/> Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update	<input type="checkbox"/> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab	<input type="checkbox"/> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite	<input type="checkbox"/> Water Jet <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier	<input type="checkbox"/> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other			
Root Cause		Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio		<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions		<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other	

Picklist Print

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Work Order ID: 99945

99945
646 4001

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

Start Date: 4/16/13

Required Date: 4/30/13

MS24694-S51

Purchased No

Each 108.0000

Start Qty: 1.00

Required Qty: 1.00

Screw

MS24694-S51

Shd

**

5
5
D5654 SP

AN3-13A

Purchased No

Each 95.0000

**

AN3-13A
Bolt

Shd

5
5
SP

AN3-4A

Purchased No

Each 453.0000

**

AN3-4A
Bolt

Shd

10
10
125445.

13-7-15.

Location	Loc Qty	Loc Code
ST303	108	
116805	1	
123741	107	

Location	Loc Qty	Loc Code
ST351	45	
104746	15	
120910	30	
ST512	50	
123759	50	

Location	Loc Qty	Loc Code
ST350	318	
120308	80	
122814	38	
124858	200	
ST512	135	
120770	134	
123900	1	

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS						
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions						<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other	

Picklist Print

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Page 6

Work Order ID: 99945

99945

Parent Item: 646.4001

646 4001

Parent Item Name: AS350 Cable Cutter

Start Date: 4/16/13

Start Qty: 1.00

Required Date: 4/30/13

Required Qty: 1.00

CR3213-5-3

Purchased

No

Each

300.0000

**

Cherry Rivet

ShB



Sp



MS20470AD5-5.5

Purchased

No

Location
ST329

Loc Qty

300

Loc Code

300

741.0000

**

Rivet

ShB



Sp



646.3711

Manufactured

No

Location
ST336

Loc Qty

741

Loc Code

741

2.0000

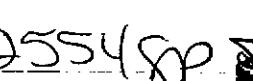
**

Clip

ShB



Sp



646.3712

Manufactured

No

Location
ST139B

Loc Qty

2

Loc Code

2

2.0000

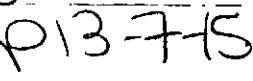
**

Clip

ShB



Sp



NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS									
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>								
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>								
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>								
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>									
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector				
Doc/Data															
Equip/Tooling															
Operator															
Material															
Setup															
Other															
Process															
Supplier															
Training															
Unapproved															
FAULT CATEGORY															
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio				<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled	

Picklist Print

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Page 7

Work Order ID: 99945

99945
646 4001

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

Start Date: 4/16/13

Start Qty: 1.00

Required Date: 4/30/13

Required Qty: 1.00

646.3811

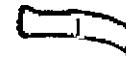
646-3811

Radius Block

Manufactured No

Each 29.0000

**



SP



SP

AN3-6A

AN3-6A

Bolt

Purchased No

Each 438.0000

**



SP

MS24694-S55

MS24694-S55

Screw

Purchased No

Each 92.0000

**



m.125535

SP13-7-15



SP

Location

Loc Qty

Loc Code

ST139A

29

125083

9

93224

20

ST350

Each

438.0000

Location

Loc Qty

Loc Code

ST351

300

124296

300

ST351

61

117441

34

121166

13

122993

10

123831

4

ST512

77

122814

77

ST512

Each

92.0000

Location

Loc Qty

Loc Code

ST303

92

124296

92

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS								
			Rework Scrap Use-as-is Work Order Update		Skid-tube Machining Thermoforming Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier	Engineering Quality Other					
Part No. _____													
. NCR No. _____													
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector			
Doc/Data													
Equip/Tooling													
Operator													
Material													
Setup													
Other													
Process													
Supplier													
Training													
Unapproved													
FAULT CATEGORY													
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions							<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other		

Picklist Print

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Page 8

Work Order ID: 99945

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

99945
646 4001

Start Date: 4/16/13

Start Qty: 1.00

Required Date: 4/30/13

Required Qty: 1.00

646.3610

646-3610
Filler

Manufactured No

Each 18.0000

**

 B99849
SP

Skd

Location Loc Qty Loc Code

125083 7 _____

125083 7 _____

ST139A 11 _____

93434 11 _____

646.3714

646-3714
Gusset

Manufactured No

Each 2.0000

**

 B99849 SP
B99597

Skd

Location Loc Qty Loc Code

ST139A 2 _____

93175 2 _____

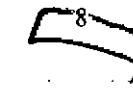
MS20470AD5-6

MS20470AD5-6
Rivet

Purchased No

Each 1,756.000

**

 SP

Skd

Location Loc Qty Loc Code

ST336 1756 _____

105433 866 _____

124089 890 _____

646.3812

646-3812
Gusset Bracket

Manufactured No

Each 9.0000

**

 B100132
SP13-7-15

Skd

Location Loc Qty Loc Code

ST139B 9 _____

93185 9 _____

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework	Skid-tube	Crosstube	Water Jet	Engineering				
			Scrap	Machining	Small Fab	Prod. Eng. Coor.	Quality				
			Use-as-is	Thermoforming	Finishing	Rec/Store/Packaging	Other				
			Work Order Update	Large Fab	Composite	Supplier					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear  Bending  Centre Not Concentric to O/S  Cracks  Crushed/Crimped.  Cuffs  Heat Treat  Inspection Strip in Tube  Ripples in Bend  Torque Waves in Extrusion  Turning Sequence  Wave/Twist in Tube				General  Bend  BOM/Route  Broken/Damaged  Burrs  Contamination  Countersink  Cut Too Short  Drill Holes  Drawing  Finish  Folio  Grain  Hardware  Inspection Incomplete  Instructions Incomplete/Unclear  Maintenance  Mislabeled  Misread  Offset  Out of Calibration  Out of Sequence  Outside Dimensions							
				 Ovalized  Over/Under tolerance  Part Incorrect  Part Lost/Missing  Part Moved  Positioned Wrong  Power Loss/Surge  Pressure/Forced  Temperature/Cure  Weld  Wrong Stock Pulled  Other							

Picklist Print

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Page 9

Work Order ID: 99945

99945
646 4001

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

Start Date: 4/16/13

Required Date: 4/30/13

AN3-3A

AN3-3A

Bolt

Purchased No Each 268.0000

**



MS5709 SP

SD

646.3813

646 3813

Strut Bracket

Manufactured No Each 5.0000

**



B99674 SP

SD

MS20470AD5-7

MS20470AD5-7

Rivet

Purchased No Each 2,194.000

**



MS204700 SP

SD

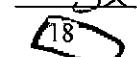
MS21047-3

MS21047-3

NUT PLATE

Purchased No Each 445.0000

**



SP B-7-12

JM

Location Loc Qty Loc Code

Mezz 1384

2655 799

3011 585

ST336 810

123425 810

Each

445.0000

Location Loc Qty Loc Code

ST316 445

123268 75

123301 50

123522 320

NCR: Yes / No

DQA: Date:

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION		AGAINST DEPARTMENT/PROCESS									
				Rework Scrap Use-as-is Work Order Update	Skid-tube Machining Thermoforming Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier	Engineering Quality Other							
Root Cause		Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector				
Doc/Data															
Equip/Tooling															
Operator-Material															
Setup															
Other															
Process															
Supplier															
Training															
Unapproved															
FAULT CATEGORY															
Landing Gear Bending Centre Not Concentric to O/S Cracks Crushed/Crimped Cuffs Heat Treat Inspection Strip in Tube Ripples in Bend Torque Waves in Extrusion Turning Sequence Wave/Twist in Tube				General Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes Drawing Finish Folio				Grain Hardware Inspection Incomplete Instructions Incomplete/Unclear Maintenance Mislabeled Misread Offset Out of Calibration Out of Sequence Outside Dimensions				Ovalized Over/Under tolerance Part Incorrect Part Lost/Missing Part Moved Positioned Wrong Power Loss/Surge		Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled	

Picklist/Print

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Page 10

Work Order ID: 99945

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

99945
646 4001

CCR264SS3-02

Purchased

No

Each

740.0000

Start Date: 4/16/13

Start Qty: 1.00

Required Date: 4/30/13

Required Qty: 1.00

~~*CCR264SS3-02*~~

Rivet, Cherry

SM

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST327	740	
106578	100	
123785	240	
124231	200	
124259	200	

Each 1,103.000

**

AN3-5A

~~*AN3-5A*~~

Bolt

SM

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
FP001	86	
122800	86	
GA	120	
117423	120	
ST350	22	
120187	22	
ST512	875	
122416	75	
124561	800	

Each 12.0000

**

646.3715

~~*646 3715*~~

Strut Doubler

Manufactured

No

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST139B	12	
93338	12	

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION		AGAINST DEPARTMENT/PROCESS					
				Rework Scrap Use-as-is Work Order Update	Skid-tube Machining Thermoforming Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier			Engineering Quality Other	
Root Cause		Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear Bending Centre Not Concentric to O/S Cracks Crushed/Crimped Cuffs Heat Treat Inspection Strip in Tube Ripples in Bend Torque Waves in Extrusion Turning Sequence Wave/Twist in Tube				General Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes Drawing Finish Folio		Grain Hardware Inspection Incomplete Instructions Incomplete/Unclear Maintenance Mislabeled Misread Offset Out of Calibration Out of Sequence Outside Dimensions		Ovalized Over/Under tolerance Part Incorrect Part Lost/Missing Part Moved Positioned Wrong Power Loss/Surge		Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other	

Picklist Print

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Page 11

Work Order ID: 99945

99945
646 4001

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

Start Date: 4/16/13

Start Qty: 1.00

Required Date: 4/30/13

Required Qty: 1.00

MS27039-1-12

Purchased No

Each 169.0000

**

MS27039-1-12

Screw

Sh

646.3716

Manufactured No

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
Mezz 100993	169 169	
	Each	4.0000

**

646 3716

Gauge Bracket

Sh

MS20426AD5-7

Purchased No

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
125083 125083	4 4	
	Each	813.0000

**

MS20426AD5-7

Rivet

Sh

MS24694-S54

Purchased No

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST334 101340	813 813	
	Each	76.0000

**

MS24694-S54

Screw

Sh

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST303 123900	76 1	
	124859	75

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS						
			Rework Scrap Use-as-is Work Order Update	Skid-tube Machining Thermoforming Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier	Engineering Quality Other					
Root Cause		Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector
Doc/Data												
Equip/Tooling												
Operator												
Material												
Setup												
Other												
Process												
Supplier												
Training												
Unapproved												
FAULT CATEGORY												
Landing Gear				General								
Bending		Bend		Grain		Ovalized		Pressure/Forced				
Centre Not Concentric to O/S		BOM/Route		Hardware		Over/Under tolerance		Temperature/Cure				
Cracks		Broken/Damaged		Inspection Incomplete		Part Incorrect		Weld				
Crushed/Crimped		Burrs		Instructions Incomplete/Unclear		Part Lost/Missing		Wrong Stock Pulled				
Cuffs		Contamination		Maintenance		Part Moved						
Heat Treat		Countersink		Mislabeled		Positioned Wrong						
Inspection Strip in Tube		Cut Too Short		Misread		Power Loss/Surge		Other				
Ripples in Bend		Drill Holes		Offset								
Torque Waves in Extrusion		Drawing		Out of Calibration								
Turning Sequence		Finish		Out of Sequence								
Wave/Twist in Tube		Folio		Outside Dimensions								

Picklist Print

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Page 12

Work Order ID: 99945

99945
646 4001

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

Start Date: 4/16/13

Start Qty: 1.00

Required Date: 4/30/13

Required Qty: 1.00

MS27039-1-21

Purchased

No

Each

343.0000

**

MS27039-1-21
SCREW

Sh



SP



MS27039-1-20

Purchased

No

Location
ST306
115935
ST506
124326

Loc Qty
43
43
300
300

Loc Code

Each

478.0000

**

MS27039-1-20
Screw

Sh



SP



MS27039-1-19

Purchased

No

Location
st510
124326

Loc Qty
478
478

Loc Code

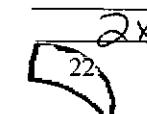
Each

848.0000

**

MS27039-1-19
Screw

Sh



SP



646.3717

Manufactured

No

Location
ST306
122814
123522
ST506
124326

Loc Qty
102
2
100
746
746

Loc Code

Each

2.0000

**

646.3717
Doubler

Sh



X

B160127 SP
13-7-12

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____				DISPOSITION		AGAINST DEPARTMENT/PROCESS					
				Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>			
				Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>			
				Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>			
				Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>				
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear				General							
				Bend <input type="checkbox"/>	Grain <input type="checkbox"/>	Ovalized <input type="checkbox"/>	Pressure/Forced				
				BOM/Route <input type="checkbox"/>	Hardware <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>	Temperature/Cure				
				Cracks <input type="checkbox"/>	Inspection Incomplete <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>	Weld <input type="checkbox"/>				
				Crushed/Crimped. <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>				
				Burrs <input type="checkbox"/>	Maintenance <input type="checkbox"/>	Part Moved <input type="checkbox"/>					
				Contamination <input type="checkbox"/>	Mislabeled <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>					
				Countersink <input type="checkbox"/>	Misread <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	Other <input type="checkbox"/>				
				Cut Too Short <input type="checkbox"/>	Offset <input type="checkbox"/>						
				Drill Holes <input type="checkbox"/>	Out of Calibration <input type="checkbox"/>						
				Drawing <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>						
				Finish <input type="checkbox"/>	Outside Dimensions <input type="checkbox"/>						
				Folio <input type="checkbox"/>							

Picklist Print

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Page 13

Work Order ID: 99945

99945
646 4001

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

Start Date: 4/16/13

Start Qty: 1.00

Required Date: 4/30/13

Required Qty: 1.00

646.3718
646-3718
Custom Washer

Manufactured No Each 45.0000

**

2
SP

646.3719
646-3719
Doubler

Manufactured No

Location	Loc Qty	Loc Code
ST139A	7	
125083	7	
ST522	38	
93365	38	

Each 24.0000

**

2x
2
B100129 SP

MS27039-1-10
MS27039-1-10
Screw

Purchased No

Location	Loc Qty	Loc Code
ST139B	24	
125083	24	

Each 321.0000

**

2
SP 13-7-12

Location	Loc Qty	Loc Code
GA	100	
120449	100	
ST305	101	
122815	1	
124859	100	
ST308	18	
123522	18	
ST506	102	
124326	102	

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS														
			Rework <input type="checkbox"/>	Scrap <input type="checkbox"/>	Use-as-is <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Machining <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Finishing <input type="checkbox"/>	Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/>	Quality <input type="checkbox"/>	Other <input type="checkbox"/>
Part No. _____			Work Order Update <input type="checkbox"/>																	
NCR No. _____																				
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description			Sign & Date	Verification		QC Inspector							
Doc/Data <input type="checkbox"/>																				
Equip/Tooling <input type="checkbox"/>																				
Operator <input type="checkbox"/>																				
Material <input type="checkbox"/>																				
Setup <input type="checkbox"/>																				
Other <input type="checkbox"/>																				
Process <input type="checkbox"/>																				
Supplier <input type="checkbox"/>																				
Training <input type="checkbox"/>																				
Unapproved <input type="checkbox"/>																				
FAULT CATEGORY																				
Landing Gear				General																
<input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio		<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions		<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled		<input type="checkbox"/> Other											
	<hr/>																			

Picklist Print

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Page 14

Work Order ID: 99945

99945
646 4001

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

Start Date: 4/16/13

Start Qty: 1.00

Required Date: 4/30/13

Required Qty: 1.00

AN3-11A
AN3-11A
Bolt

Purchased No Each 672.0000

**

8

SP

600.0990
600.0990
Magnabond 6398 Part A (One 4 oz can)

Purchased No Each 9.0000

**

8X

m 126215 SP

600.0991
600.0991
Magnabond 6398 Part B (One 4 oz can)

Purchased No Each 9.0000

**

8

m 126215 SP

600.1012
600.1012
Seslant (One 6 oz Semikit)

Purchased No Each 9.0000

**

8

m 126248 SP 13-7-D

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS																																																																																																																						
			Rework <input type="checkbox"/>	Scrap <input type="checkbox"/>	Use-as-is <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Machining <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Finishing <input type="checkbox"/>	Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/>	Quality <input type="checkbox"/>	Other <input type="checkbox"/>																																																																																																								
Part No. _____			Work Order Update <input type="checkbox"/>																																																																																																																									
NCR No. _____																																																																																																																												
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description			Sign & Date	Verification		QC Inspector																																																																																																															
Doc/Data <input type="checkbox"/>																																																																																																																												
Equip/Tooling <input type="checkbox"/>																																																																																																																												
Operator <input type="checkbox"/>																																																																																																																												
Material <input type="checkbox"/>																																																																																																																												
Setup <input type="checkbox"/>																																																																																																																												
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Process <input type="checkbox"/>																																																																																																																												
Supplier <input type="checkbox"/>																																																																																																																												
Training <input type="checkbox"/>																																																																																																																												
Unapproved <input type="checkbox"/>																																																																																																																												
FAULT CATEGORY																																																																																																																												
Landing Gear				<table border="1"> <tr> <td colspan="2" rowspan="15">General</td> <td colspan="2">Bend <input type="checkbox"/></td> <td colspan="2">Grain <input type="checkbox"/></td> <td colspan="2">Ovalized <input type="checkbox"/></td> <td colspan="2">Pressure/Forced <input type="checkbox"/></td> </tr> <tr> <td colspan="2">Centre Not Concentric to O/S <input type="checkbox"/></td> <td colspan="2">BOM/Route <input type="checkbox"/></td> <td colspan="2">Hardware <input type="checkbox"/></td> <td colspan="2">Over/Under tolerance <input type="checkbox"/></td> <td colspan="2">Temperature/Cure <input type="checkbox"/></td> </tr> <tr> <td colspan="2">Cracks <input type="checkbox"/></td> <td colspan="2">Broken/Damaged <input type="checkbox"/></td> <td colspan="2">Inspection Incomplete <input type="checkbox"/></td> <td colspan="2">Part Incorrect <input type="checkbox"/></td> <td colspan="2">Weld <input type="checkbox"/></td> </tr> <tr> <td colspan="2">Crushed/Crimped. <input type="checkbox"/></td> <td colspan="2">Burrs <input type="checkbox"/></td> <td colspan="2">Instructions Incomplete/Unclear <input type="checkbox"/></td> <td colspan="2">Part Lost/Missing <input type="checkbox"/></td> <td colspan="2">Wrong Stock Pulled <input type="checkbox"/></td> </tr> <tr> <td colspan="2">Cuffs <input type="checkbox"/></td> <td colspan="2">Contamination <input type="checkbox"/></td> <td colspan="2">Maintenance <input type="checkbox"/></td> <td colspan="2">Part Moved <input type="checkbox"/></td> <td colspan="2"></td> </tr> <tr> <td colspan="2">Heat Treat <input type="checkbox"/></td> <td colspan="2">Countersink <input type="checkbox"/></td> <td colspan="2">Mislabeled <input type="checkbox"/></td> <td colspan="2">Positioned Wrong <input type="checkbox"/></td> <td colspan="2"></td> </tr> <tr> <td colspan="2">Inspection Strip in Tube <input type="checkbox"/></td> <td colspan="2">Cut Too Short <input type="checkbox"/></td> <td colspan="2">Misread <input type="checkbox"/></td> <td colspan="2">Power Loss/Surge <input type="checkbox"/></td> <td colspan="2"></td> </tr> <tr> <td colspan="2">Ripples in Bend <input type="checkbox"/></td> <td colspan="2">Drill Holes <input type="checkbox"/></td> <td colspan="2">Offset <input type="checkbox"/></td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td colspan="2">Torque Waves in Extrusion <input type="checkbox"/></td> <td colspan="2">Drawing <input type="checkbox"/></td> <td colspan="2">Out of Calibration <input type="checkbox"/></td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td colspan="2">Turning Sequence <input type="checkbox"/></td> <td colspan="2">Finish <input type="checkbox"/></td> <td colspan="2">Out of Sequence <input type="checkbox"/></td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td colspan="2">Wave/Twist in Tube <input type="checkbox"/></td> <td colspan="2">Folio <input type="checkbox"/></td> <td colspan="2">Outside Dimensions <input type="checkbox"/></td> <td colspan="2"></td> <td colspan="2"></td> </tr> </table>											General		Bend <input type="checkbox"/>		Grain <input type="checkbox"/>		Ovalized <input type="checkbox"/>		Pressure/Forced <input type="checkbox"/>		Centre Not Concentric to O/S <input type="checkbox"/>		BOM/Route <input type="checkbox"/>		Hardware <input type="checkbox"/>		Over/Under tolerance <input type="checkbox"/>		Temperature/Cure <input type="checkbox"/>		Cracks <input type="checkbox"/>		Broken/Damaged <input type="checkbox"/>		Inspection Incomplete <input type="checkbox"/>		Part Incorrect <input type="checkbox"/>		Weld <input type="checkbox"/>		Crushed/Crimped. <input type="checkbox"/>		Burrs <input type="checkbox"/>		Instructions Incomplete/Unclear <input type="checkbox"/>		Part Lost/Missing <input type="checkbox"/>		Wrong Stock Pulled <input type="checkbox"/>		Cuffs <input type="checkbox"/>		Contamination <input type="checkbox"/>		Maintenance <input type="checkbox"/>		Part Moved <input type="checkbox"/>				Heat Treat <input type="checkbox"/>		Countersink <input type="checkbox"/>		Mislabeled <input type="checkbox"/>		Positioned Wrong <input type="checkbox"/>				Inspection Strip in Tube <input type="checkbox"/>		Cut Too Short <input type="checkbox"/>		Misread <input type="checkbox"/>		Power Loss/Surge <input type="checkbox"/>				Ripples in Bend <input type="checkbox"/>		Drill Holes <input type="checkbox"/>		Offset <input type="checkbox"/>						Torque Waves in Extrusion <input type="checkbox"/>		Drawing <input type="checkbox"/>		Out of Calibration <input type="checkbox"/>						Turning Sequence <input type="checkbox"/>		Finish <input type="checkbox"/>		Out of Sequence <input type="checkbox"/>						Wave/Twist in Tube <input type="checkbox"/>		Folio <input type="checkbox"/>		Outside Dimensions <input type="checkbox"/>					
				General		Bend <input type="checkbox"/>		Grain <input type="checkbox"/>		Ovalized <input type="checkbox"/>		Pressure/Forced <input type="checkbox"/>																																																																																																																
						Centre Not Concentric to O/S <input type="checkbox"/>		BOM/Route <input type="checkbox"/>		Hardware <input type="checkbox"/>		Over/Under tolerance <input type="checkbox"/>		Temperature/Cure <input type="checkbox"/>																																																																																																														
						Cracks <input type="checkbox"/>		Broken/Damaged <input type="checkbox"/>		Inspection Incomplete <input type="checkbox"/>		Part Incorrect <input type="checkbox"/>		Weld <input type="checkbox"/>																																																																																																														
						Crushed/Crimped. <input type="checkbox"/>		Burrs <input type="checkbox"/>		Instructions Incomplete/Unclear <input type="checkbox"/>		Part Lost/Missing <input type="checkbox"/>		Wrong Stock Pulled <input type="checkbox"/>																																																																																																														
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						Heat Treat <input type="checkbox"/>		Countersink <input type="checkbox"/>		Mislabeled <input type="checkbox"/>		Positioned Wrong <input type="checkbox"/>																																																																																																																
						Inspection Strip in Tube <input type="checkbox"/>		Cut Too Short <input type="checkbox"/>		Misread <input type="checkbox"/>		Power Loss/Surge <input type="checkbox"/>																																																																																																																
						Ripples in Bend <input type="checkbox"/>		Drill Holes <input type="checkbox"/>		Offset <input type="checkbox"/>																																																																																																																		
						Torque Waves in Extrusion <input type="checkbox"/>		Drawing <input type="checkbox"/>		Out of Calibration <input type="checkbox"/>																																																																																																																		
						Turning Sequence <input type="checkbox"/>		Finish <input type="checkbox"/>		Out of Sequence <input type="checkbox"/>																																																																																																																		
						Wave/Twist in Tube <input type="checkbox"/>		Folio <input type="checkbox"/>		Outside Dimensions <input type="checkbox"/>																																																																																																																		

Picklist Print

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Page 15

Work Order ID: 99945

99945
646 4001

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

Start Date: 4/16/13

Start Qty: 1500

**

Required Date: 4/30/13

Required Qty: 1.00

600.0129

Purchased

No

f

128.0000

8

600 0129

VHB Tape (75935A651 memaster)

1X96"

Sh

600.1013

Purchased

No

600 1013

Tape Primer

Sh

Location

ST

Loc Qty

128

Loc Code

125031

128

Each

945.0000

**

646.3910

Manufactured

No

646 3910

Shim

Sh

Location

ST139A

Loc Qty

945

Loc Code

125154

945

Each

72.0000

**

646.3911

Manufactured

No

646 3911

Shim

Sh

Location

ST139B

Loc Qty

22

Loc Code

125083

22

ST139d

50

93238

50

Each

20.0000

**

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS					
Part No. _____ NCR No. _____			Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>			
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Doc/Data										
Equip/Tooling										
Operator										
Material										
Setup										
Other										
Process										
Supplier										
Training										
Unapproved										
FAULT CATEGORY										
Landing Gear Bending Centre Not Concentric to O/S Cracks Crushed/Crimped Cuffs Heat Treat Inspection Strip in Tube Ripples in Bend Torque Waves in Extrusion Turning Sequence Wave/Twist in Tube				General Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other <input type="checkbox"/>						

Picklist Print

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Page 16

Work Order ID: 99945

99945
646 4001

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

Start Date: 4/16/13

Start Qty: 1.00

Required Date: 4/30/13

Required Qty: 1.00

646.3912
646-3912
Shim

Manufactured No

Each 73.0000

**

44

B162271

SP

Sh

646.3913
646-3913
Shim

Manufactured No

Each 36.0000

**

44

SP

SP

Sh

AN3-12A
AN3-12A
Bolt

Purchased No

Each 59.0000

**

1/2

m 125752

SP B-7-12.

Sh

Location	Loc Qty	Loc Code
ST139A	22	
125083	22	
ST139d	51	
93423	51	

Location	Loc Qty	Loc Code
ST139B	16	
125083	16	
ST139d	20	
93160	20	

Location	Loc Qty	Loc Code
GA	6	
122407	6	
ST351	5	
114536	1	
123352	4	
ST512	48	
123759	48	

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS																	
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>																
Part No. _____			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>																
NCR No. _____			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>																
Work Order Update <input type="checkbox"/>				Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																	
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector												
Doc/Data																							
Equip/Tooling																							
Operator																							
Material																							
Setup																							
Other																							
Process																							
Supplier																							
Training																							
Unapproved																							
FAULT CATEGORY																							
Landing Gear				General																			
<input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio								<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge				<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled			
																				<input type="checkbox"/> Other			

Picklist Print

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Page 17

Work Order ID: 99945

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

99945
646 4001

Start Date: 4/16/13

Start Qty: 1.00

Required Date: 4/30/13

Required Qty: 1.00

MS27039-1-16

Purchased

No

Each

70.0000

**

~~MS27039-1-16*~~

Screw

Shr

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST306 122993	70 70	<u>2X</u>

2

Sp 13-7-12.



NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS														
			Rework <input type="checkbox"/>	Scrap <input type="checkbox"/>	Use-as-is <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Machining <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Finishing <input type="checkbox"/>	Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/>	Quality <input type="checkbox"/>	Other <input type="checkbox"/>
Part No. _____			Work Order Update <input type="checkbox"/>																	
NCR No. _____																				
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description			Sign & Date	Verification		QC Inspector							
Doc/Data																				
Equip/Tooling																				
Operator																				
Material																				
Setup																				
Other																				
Process																				
Supplier																				
Training																				
Unapproved																				
FAULT CATEGORY																				
Landing Gear				General																
				Bending <input type="checkbox"/>	Bend <input type="checkbox"/>	Grain <input type="checkbox"/>	Ovalized <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>												
				Centre Not Concentric to O/S <input type="checkbox"/>	BOM/Route <input type="checkbox"/>	Hardware <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>												
				Cracks <input type="checkbox"/>	Broken/Damaged <input type="checkbox"/>	Inspection Incomplete <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>	Weld <input type="checkbox"/>												
				Crushed/Crimped. <input type="checkbox"/>	Burrs <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>												
				Cuffs <input type="checkbox"/>	Contamination <input type="checkbox"/>	Maintenance <input type="checkbox"/>	Part Moved <input type="checkbox"/>													
				Heat Treat <input type="checkbox"/>	Countersink <input type="checkbox"/>	Mislabeled <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>													
				Inspection Strip in Tube <input type="checkbox"/>	Cut Too Short <input type="checkbox"/>	Misread <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	Other <input type="checkbox"/>												
				Ripples in Bend <input type="checkbox"/>	Drill Holes <input type="checkbox"/>	Offset <input type="checkbox"/>														
				Torque Waves in Extrusion <input type="checkbox"/>	Drawing <input type="checkbox"/>	Out of Calibration <input type="checkbox"/>														
				Turning Sequence <input type="checkbox"/>	Finish <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>														
				Wave/Twist in Tube <input type="checkbox"/>	Folio <input type="checkbox"/>	Outside Dimensions <input type="checkbox"/>														

DWG NO. 646.4000

REV: A

PREPARED
BY: N.CAP

DATE: 03/21/11

EFFECT ON DWG
[] INC. UNINC

DWG TITLE: AS350 CABLE CUTTERS KIT

APPROVED BY:

ENGR *J. Sano*

MFG

David Baker

QC

Wesley J. ...

EFF:

NEXT ORDER

TRANSACTION CODES (TC):
A-ADD C-CREATE
R-REVISE D-DELETE

REASON: CREATED FIXED AND CCK WITHOUT FIXED PROVISIONS KIT

SHEET 1, BOM, IS:

LINE

NO

V

N

99945 MLT
13-04-16

REF	REF	REF	65	6467570	GPS MOUNT KIT	▲
1	6	64	6013151	VASHER	REINFORCING	
2	2	63	6012911	SCREW	REINFORCING	
2	2	62	6012637	SCREW	REINFORCING	
2	2	61	6012763	BOLT	REINFORCING	
2	2	60	6463913	SHIM		
4	4	59	6463912	SHIM		
1	58	6463911	SHIM			
4	4	57	6463910	SHIM		
5	5	56	6001013	PRIMER		
8 FT	8 FT	55	6000129	VHB TAPE		
1	11	54	6001012	SEALANT	PR-102 CLASS B	
4004	4003	4002	4001	FIND #	PART #	DESCRIPTION
					WATEL	SPEC

1	1	53	6000590	PACKAGING GROMMET PART B		
8	1	52	6000590	PACKAGING GROMMET PART A		
8	1	51	6012826	BOLT	REINFORCING	
2	1	50	6463914	VIPER BRACKET	REINFORCING	
2	1	49	6012910	SCREW	REINFORCING	
2	1	48	6011365	SCREW	REINFORCING	
2	1	47	6453719	DOUBLER		
2	1	46	6463718	CUSTOM WASHER		
1	1	45	6463717	DOUBLER		
22	12	44	6011948	SCREW	REINFORCING	
2	1	43	6011952	SCREW	REINFORCING	
4	1	42	6011956	SCREW	REINFORCING	
2	1	41	6012829	SCREW	REINFORCING	
2	1	40	6012831	RIVET	REINFORCING	
1	1	39	6463716	CLANGE BRACKET		
6	6	38	6011953	SCREW	REINFORCING	
2	2	37	6463715	STRUT DOUBLER		
2	2	36	6012824	BOLT	REINFORCING	
36	36	35	6012277	RIVET	REINFORCING	
18	18	34	6000793	NUTPLATE	REINFORCING	
3	3	33	6012565	RIVET	REINFORCING	
1	1	22	6463613	STRUT BRACKET		
4	4	21	6012822	BOLT	REINFORCING	
2	2	20	6463612	GUSSET BRACKET		
8	8	19	6012564	RIVET	REINFORCING	
1	1	18	6453714	GUSSET		
1	1	17	6463610	FILLER		
1	1	16	6012830	SCREW	REINFORCING	
2	2	15	6012825	BOLT	REINFORCING	
1	1	14	6453711	CLIP		
1	1	13	6463711	CLIP		
8	8	12	6012832	RIVET	REINFORCING	
14	14	11	6012833	RIVET	REINFORCING	
10	10	10	6012823	BOLT	REINFORCING	
1	1	9	6012827	BOLT	REINFORCING	
5	5	8	6012912	SCREW	REINFORCING	
1	1	7	6463713	GUSSET		
1	1	6	6463210	SUPPORT		
1	1	5	6463710	DOUBLER		
1	1	4	6463110	CHANNEL		
8	55	3	63	6012624	DISCOUT	REINFORCING
18	116	16	134	6011607	WASHER	REINFORCING
				6463411	RH VIPER DEFLECTOR	
				6463410	LH VIPER DEFLECTOR	
				6463513	STRUT	
				6463512	STRUT	
				6463511	STRUT	
				6463510	STRUT	
				6463610	BRACKET	
				6463610	DEFLECTOR	
				6463001	LOWER CUTTER ASSY	
				6463001	UPPER CUTTER ASSY	
				6464004	FIXED PROVISIONS KIT	
				6464003	DISC OUTLET KIT	
				6464005	ARMED/ARMED DEFLECTOR KIT	
				6464001	ARMED CABLE CUTTERS KIT	

DOCUMENTS EFFECTED:

MDL

INSTALL INSTRUC

ICA

BOM

CHANGE CATEGORY

MAJOR MINOR

DER REVIEW REQUIRED

YES NO



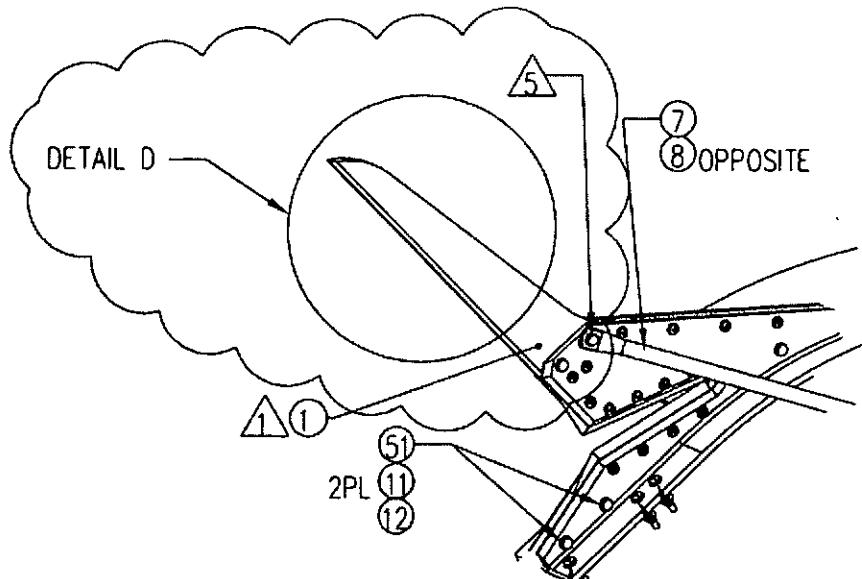
99945

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO 03046				SHEET 1 OF 1	
	DWG NO. 646.4000	REV: A	PREPARED BY J JACKSON	DATE: 01/24/11	EFFECT ON DWG <input type="checkbox"/> INC <input checked="" type="checkbox"/> UNINC	
DWG TITLE: AS350 CABLE CUTTERS KIT						
APPROVED BY:	ENGR <i>Z Brane</i>	MFG <i>David Barker</i>	QC <i>W. G. Miller</i>	EFF: NEXT ORDER		
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE	REASON: ADDED GPS MOUNT KIT, F/N 65. REVISED DRAWING VIEWS. ADDED NOTE 7.					

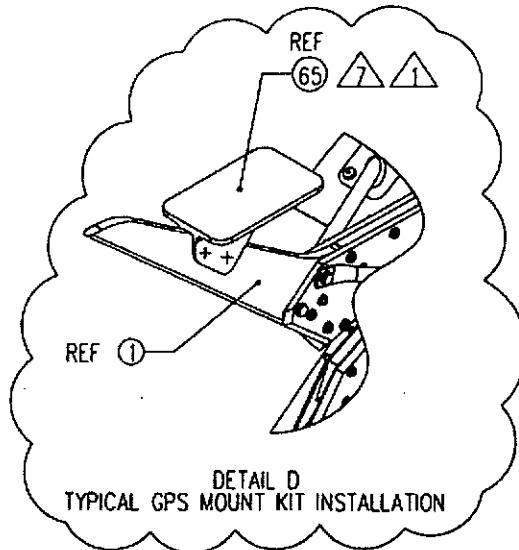
SHEET 1, ZONE B1 IS:

 7 AT CUSTOMERS OPTION, INSTALL F/N 65 BY MATCH DRILLING ONTO F/N 1.

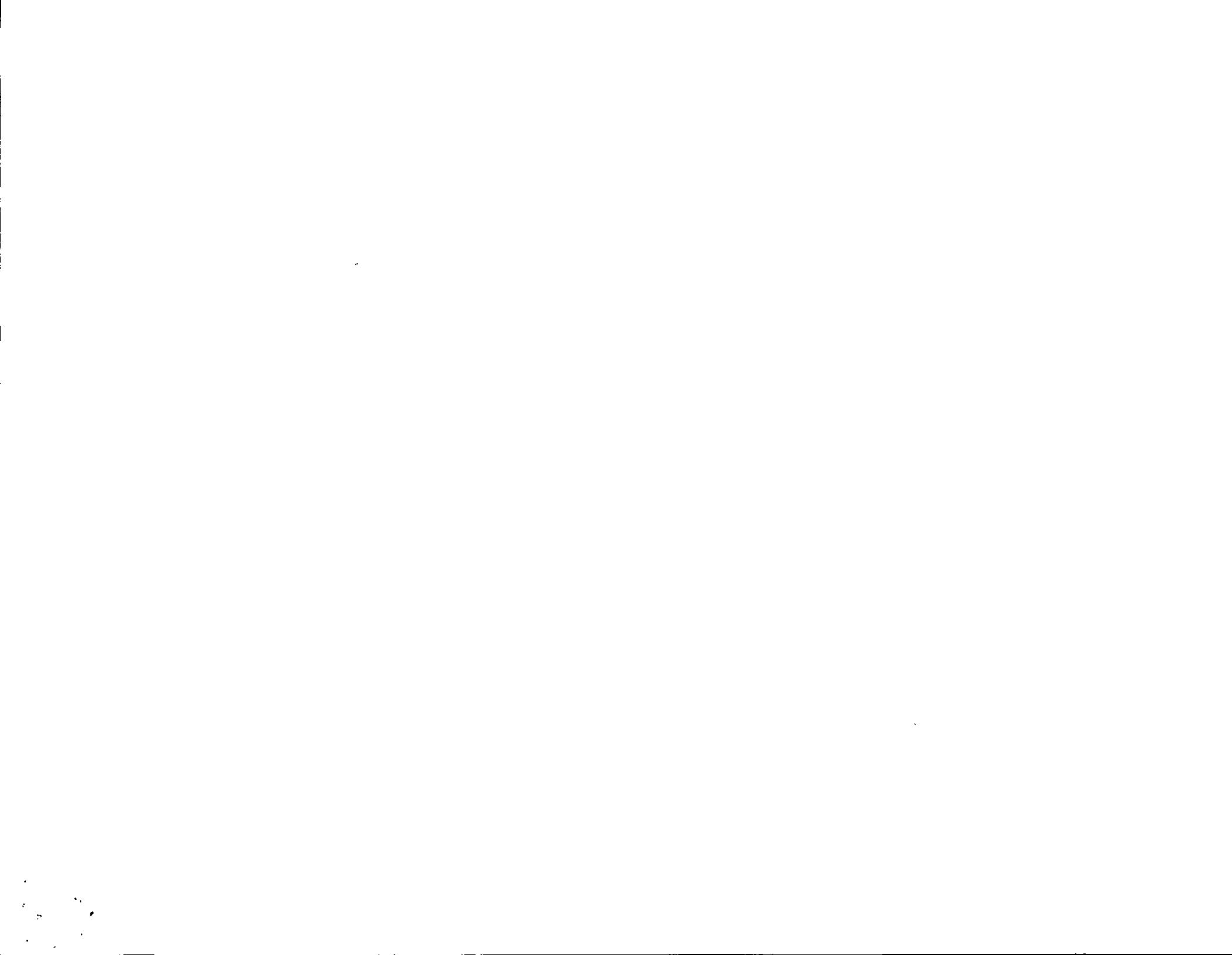
SHEET 2, ZONE A4 IS:



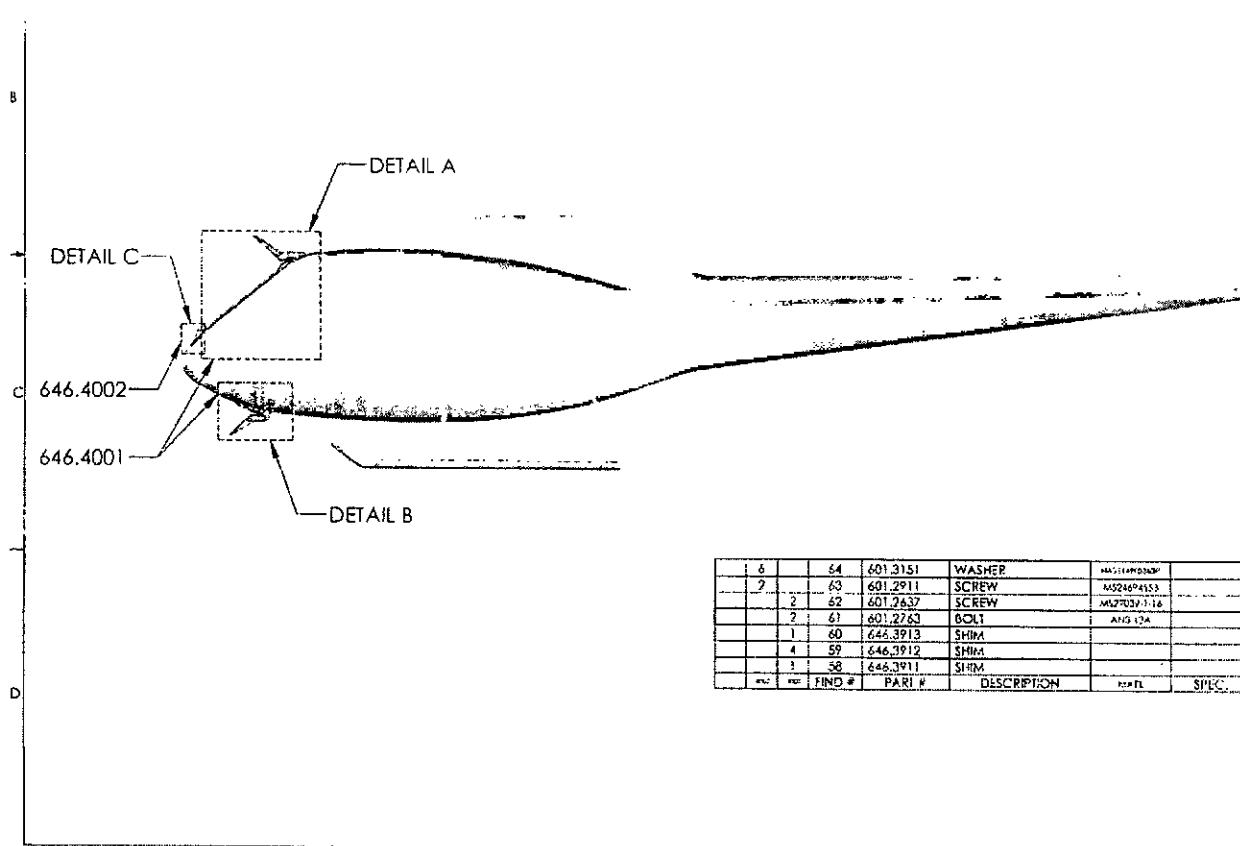
SHEET 2, ZONE B2 IS:



65	A	647.5701	REF	GPS MOUNT KIT		
F/N	TC	PART NUMBER	.4001	DESCRIPTION	MATERIAL	SPECIFICATION
DOCUMENTS EFFECTED:			QTY	<input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	CHANGE CATEGORY	DER REVIEW REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



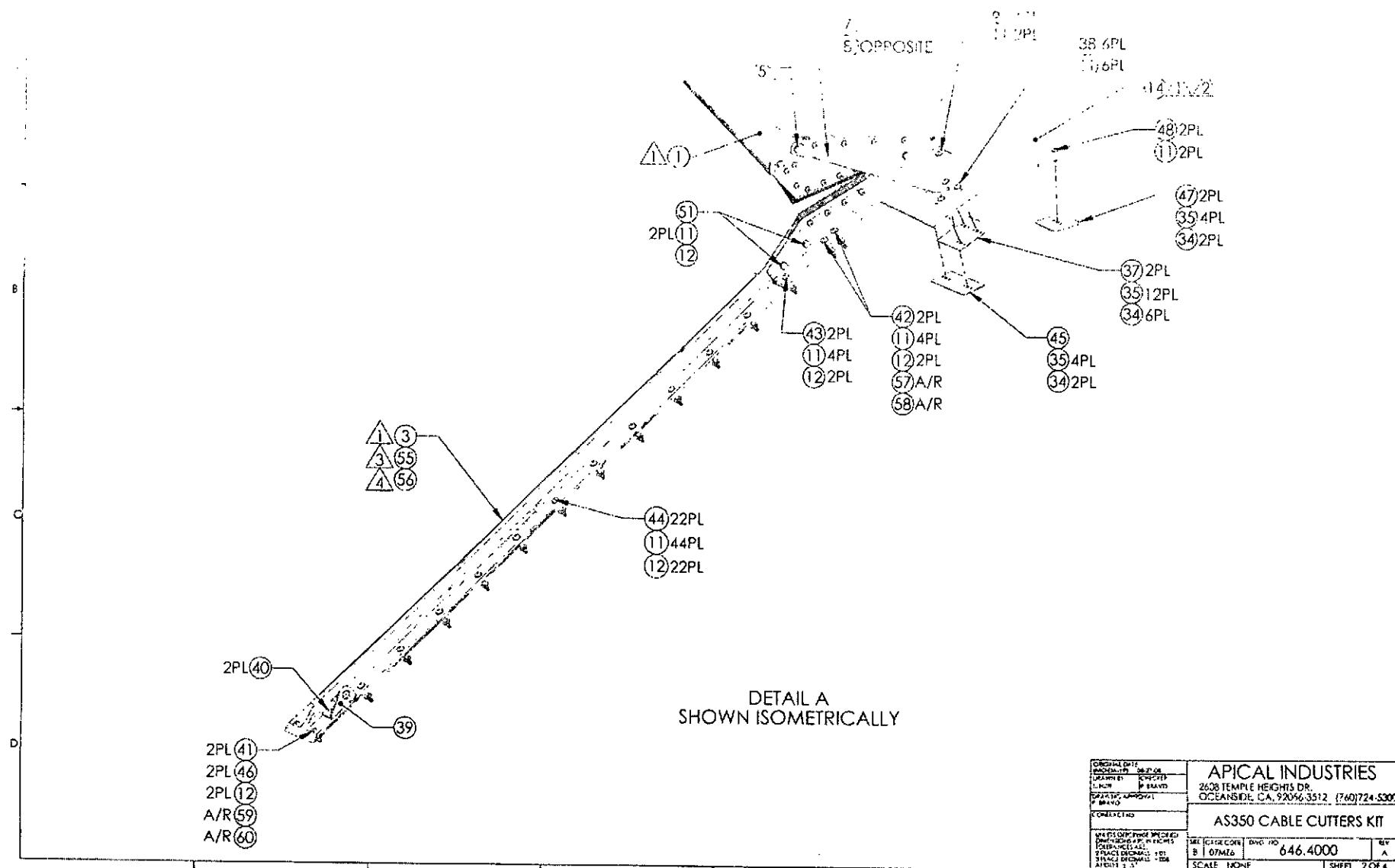
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3	646.3713	CHANNEL	1	
4	646.3714	CLIP	1	
5	646.3715	SCREW	1	
6	646.3716	SCREW	1	
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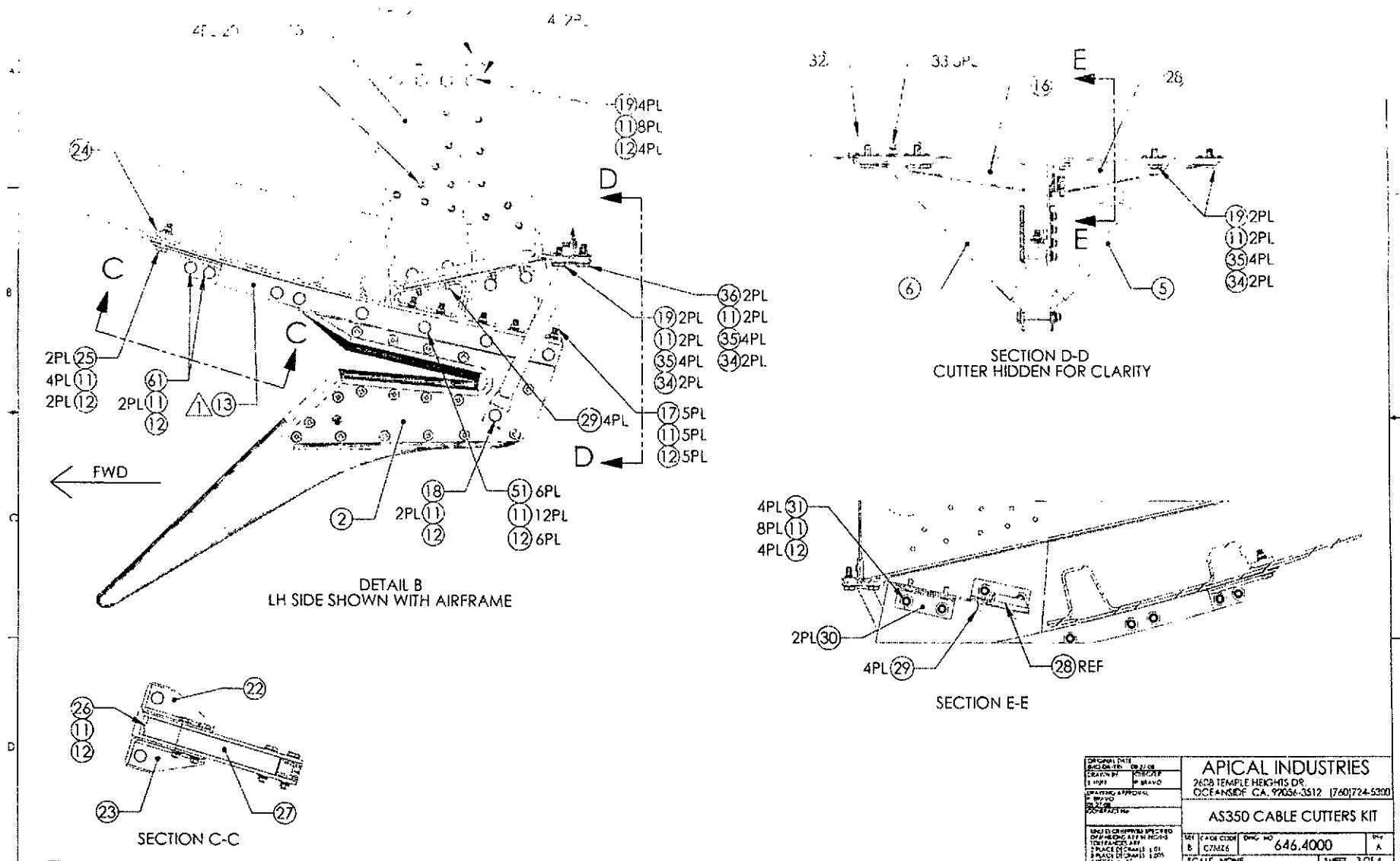


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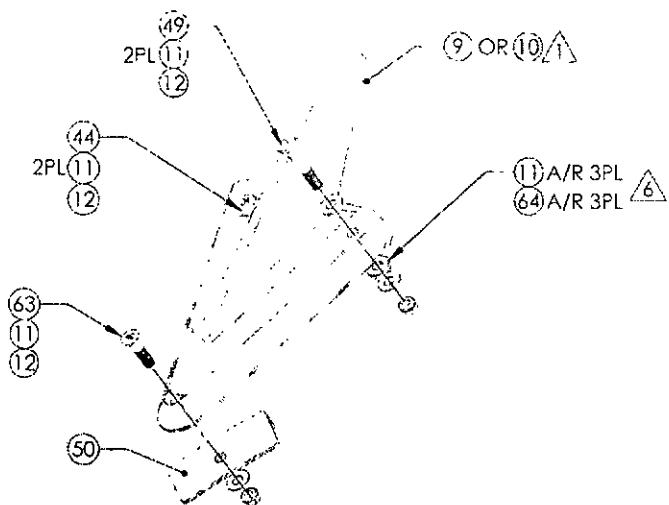


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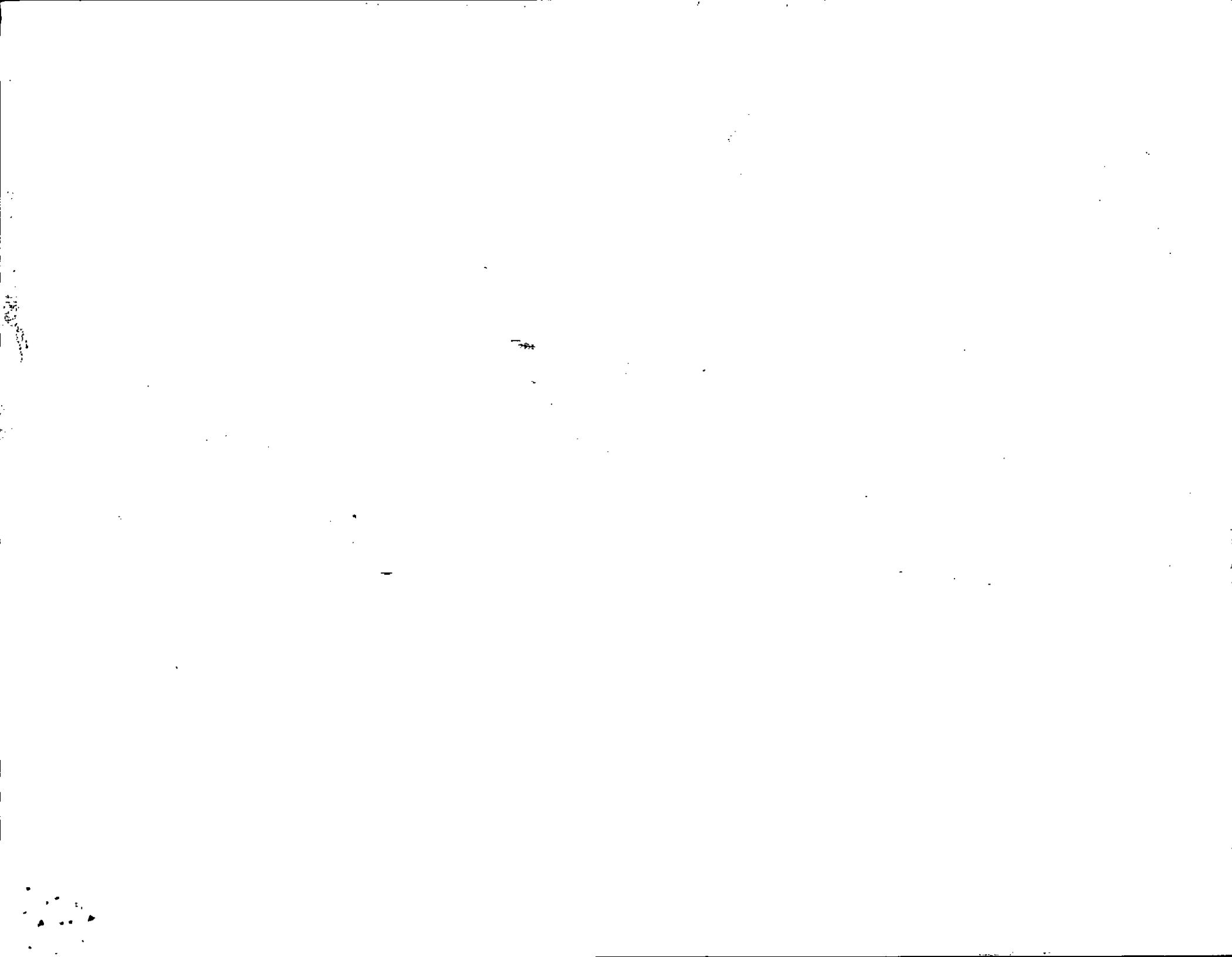




99945



DETAIL C
LH SHOWN EXPLODED
RH OPPOSITE



Ref Only *Std*

APICAL
INDUSTRIES, INC.

ENGINEERING CHANGE NOTICE NO. 03079

SHEET 1 OF 1

DWG NO. 646.4000

REV: A

PREPARED BY: N.CAP

DATE: 03/21/11

EFFECT ON DWG
 INC. UNINC.

DWG TITLE: AS350 CABLE CUTTERS KIT

APPROVED BY:

P. Brano

MFG

Dave P.

QC

Deborah J.

EFF:

NEXT ORDER

TRANSACTION CODES (TC):
A-ADD C-CREATE
R-REVISE D-DELETE

REASON: CREATED FIXED AND CCK WITHOUT FIXED PROVISIONS KIT

SHEET 1, BOM, IS:

REF	REF	REF	QTY	ITEM	DESCRIPTION	REMARKS
1	6	64	601351	VASHER	REMARKS	
2	3	63	601291	SCREW	REMARKS	
2	4	2	6012837	SCREW	REMARKS	
2	1	2	61	6012763	MOLY	RE-A-12A
1	1	1	60	6453913	SHD-A	
4	1	4	53	6453912	SHD-A	
1	1	3	53	6453911	SHD-A	
4	1	4	53	6453910	SHD-A	
5	1	5	56	6001013	PRIMER	
8 FT	1	11	55	6001012	VHB TAPE	
1	1	7	54	6001012	SEALANT	RE-A-12A
AMT	AMT	AMT	FIND #	PART #	DESCRIPTION	MATL. SPEC.

1	1	53	6001090	PROVISIONS-4306 PART-B		
1	1	52	6001090	PROVISIONS CORE PART-A		
8	10	51	6012905	MOLY	RE-A-12A	
2	2	50	6453914	VIPER BRACKET		
2	2	49	6012910	SCREW	RE27039-1-12	
2	1	48	601365	SCREW	RE27039-1-16	
2	1	47	6453719	DOUBLER		
2	1	46	6453719	CUSTOM WASHER		
1	1	45	6453717	DOUBLER		
22	2	44	6011948	SCREW	RE27039-1-19	
2	12	43	6011952	SCREW	RE27039-1-20	
4	14	42	6011953	SCREW	RE27039-1-20	
2	1	41	6012829	SCREW	RE27039-1-20	
2	1	40	6012831	RIVET	RE27039-1-7	
1	1	39	6453716	GRIPER BRACKET		
6	6	38	6011952	SCREW	RE27039-1-20	
2	2	37	6453715	STRUT DOUBLER		
2	2	36	6012824	MOLY	RE-A-12A	
36	3	35	6012277	RIVET	RE27039-3-10	
18	18	34	6001013	NUTPLATE	RE27039-3-10	
3	1	33	6012363	RIVET	RE27039-1-7	
1	1	32	6453613	STRUT BRACKET		
1	1	31	6012822	MOLY	RE-A-12A	
1	1	30	6453612	GRIPER BRACKET		
6	6	29	6012564	RIVET	RE27039-6-1	
1	1	28	6453714	GRIPER		
1	1	27	6453610	FOILER		
1	1	26	6012830	SCREW	RE27039-1-20	
2	2	25	6012825	MOLY	RE-A-12A	
1	1	24	6453611	RADIUS BLOCK		
1	1	23	6453712	CLIP		
1	1	22	6453711	CLIP		
8	8	21	6012832	RIVET	RE27039-8-3	
14	14	20	6012820	RIVET	RE27039-8-3	
10	10	19	6012822	MOLY	RE-A-12A	
10	10	18	6012827	MOLY	RE-A-12A	
5	5	17	6012912	SCREW	RE27039-5-1	
5	5	16	6453713	GRIPER	RE27039-5-1	
5	5	15	6453210	SUPPORT		
1	1	14	6453710	DOUBLER		
1	1	13	6453108	CHANNEL		
8	55	12	6011624	LOCNUT	RE27039-8-1	
10	116	11	6011607	VASHER	RE27039-10	
10	10	10	6453411	RH VIPER REFLECTOR		
10	10	9	6453410	LH VIPER REFLECTOR		
10	10	8	6453513	STRUT		
10	10	7	6453512	STRUT		
10	10	6	6453511	STRUT		
10	10	5	6453510	STRUT		
10	10	4	6453510	BRACKET		
10	10	3	6453510	REFLECTOR		
10	10	2	6453501	UPPER CUTTER ASSY		
10	10	1	6453501	UPPER CUTTER ASSY		
X	X		6454004	FIXD PROVISIONS KIT		
X	X		6454003	UPPER CUTTER ASSY		
X	X		6454002	ARMED VIBER REFLECTOR		
X	X		6454001	AS350 CABLE CUTTERS KIT		
AMT	AMT	AMT	FIND #	PART #	DESCRIPTION	MATL. SPEC.

DOCUMENTS EFFECTED:

MDL INSTALL INSTRUC ICA BOM

CHANGE CATEGORY
 MAJOR MINOR

DER REVIEW REQUIRED
 YES NO



Work Order ID 99945

April-16-13 12:38:04 PM

99945

Page 1

Item ID: 646.4001

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: AS350 Cable Cutter

Start Date: 4/16/13 Start Qty: 1.00

1

Cust Item ID:

Required Date: 4/30/13 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: ML5

Date: 13-04-16 Tooling:

QC:

Date:

SPC (Y/N):

Date:

Date:

Run Start

NR1

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
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646.4000	A
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SP

0.00

100

100

DOCUMENT CONTROL

DC

Document Control

0.00

Memo

Photocopy bluefile & type labels per PPP 646.4001

ML5 13-07-18

110

110

Packaging

Pick Kit

0.00

Memo

0.00

Packaging

120

120

QC

QC4- 100% inspect kits for completeness

0.00

Memo

0.00

Quality Control

